

SEQUENCE LISTING

5 <110> Nycomed Imaging AS

 <120> Improvements in or relating to diagnostic/therapeutic
 agents

10 <130> REF/Klaveness/993

 <140> US 08/958,993

 <141> 1997-10-28

15 <160> 25

 <170> PatentIn Ver. 2.1

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25 <223> Description of Artificial
 Sequence:RGDC-Mal-PEG3400-DSPE

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 Arg Gly Asp Cys

30 1

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<223> Description of Artificial Sequence:Peptide
comprising phosphatidylserine-binding and
heparin-binding sections

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Phe Asn Phe Arg Leu Lys Ala Gly Gln Lys Ile Arg Phe Gly Ala Ala

1

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10

15

10 Ala Trp Glu Pro Pro Arg Ala Arg Ile

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<223> Description of Artificial Sequence:Heparin-binding
peptide

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Trp Glu Pro Pro Arg Ala Arg Ile

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<223> MTX-phenylalanine

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15 <223> Description of Artificial Sequence:Heparin
sulphate binding peptide

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Lys Arg Lys Arg
20 1

<210> 6

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30 <223> Description of Artificial Sequence:Fibronectin
peptide

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Trp Gln Pro Pro Arg Ala Arg Ile
35 1 5

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<223> Description of Artificial Sequence:Lipopeptide
consisting of a heparin sulphate binding peptide
and a fibronectin peptide

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<223> Dipalmitoyl-lysine

15 <400> 7

Lys Lys Arg Lys Arg Trp Gln Pro Pro Arg Ala Arg Ile

1 5 10

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<223> Description of Artificial Sequence:Fibronectin
peptide sequence

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30 Phe Asn Phe Arg Leu Lys Ala Gly Gln Lys Ile Arg Phe Gly Gly Gly

1 5 10 15

Gly Trp Gln Pro Pro Arg Ala Ile

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35

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<223> Description of Artificial Sequence:Biotinylated
endothelin-1 peptide

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<223> Biotin-D-Trp

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15 Trp Leu Asp Ile Ile Trp
1 5

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25 <223> Description of Artificial Sequence:Biotinylated
fibrin-anti-polymerant peptide

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Gly Pro Arg Pro Pro Glu Arg His Gln Ser

1 5 10

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<223> Description of Artificial Sequence:Lipopeptide
containing RGD sequence and fluorescein reporter
group

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<223> Dipalmitoyl-Lys

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<223> Acetyl-RGD-K-fluorescein side chain

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Lys Lys Lys Lys Gly

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cell binding lipopeptide

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<223> 2-n-hexadecylstearyl-Lys

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10 <222> (18)

<223> AMIDATION

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Lys Leu Ala Leu Lys Leu Ala Leu Lys Ala Leu Lys Ala Ala Leu Lys

15 1 5 10 15

Leu Ala

20

<210> 13

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functionalised with captopril

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<223> Dipalmitoyl-Lys

35

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<221> MOD_RES

<222> (4)

<223> Amide linked via side chain to captopril

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5 <222> (4)

<223> AMIDATION

<400> 13

Lys Lys Lys Lys

10 1

<210> 14

<211> 13

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with an affinity for endothelial cells

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Lys Lys Lys Xaa Ile Arg Arg Val Ala Arg Pro Pro Leu
1 5 10

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comprising an interleukin-1 receptor binding
peptide

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Lys Gly Asp Trp Asp Gln Phe Gly Leu Trp Arg Gly Ala Ala
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<223> RGDS chain linked via NH2 group of lysine

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<223> Description of Artificial Sequence: Branched core
peptide comprising a dabsylated atherosclerotic
plaque-binding sequence and RGDS

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Tyr Arg Ala Leu Val Asp Thr Leu Lys Lys Gly Cys

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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gaaaggtagt ggggtcgtgt gccgg

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<223> Description of Artificial Sequence: Lipopeptide

with affinity for thrombi

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10 <222> (15)

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<400> 18

Lys Asn Asp Gly Asp Phe Glu Glu Ile Pro Glu Glu Tyr Leu Gln

15 1 5 10 15

<210> 19

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<223> Description of Artificial Sequence:Lipopeptide

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<223> Biotinylated-Lys

35

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Lys Trp Lys Lys Lys Gly

1 5

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Sequence:Thiol-functionalised lipid molecule

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25 <400> 20
Lys Lys Lys Xaa Cys
1 5

30 <210> 21
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<223> Description of Artificial Sequence:Lipopeptide
functionalised with atenolol

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<223> Lysine with side chain linked via amide bond to
atenolol

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<400> 21

Lys Lys Lys Lys

1

20

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containing folic acid

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<223> Lysine with side chain linked via amide bond to
folic acid

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Lys Lys Lys Lys

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<223> Description of Artificial Sequence:Lipopeptide
containing a derivative of bestatin

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35 <221> MOD_RES

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<223> Lysine with side chain linked via amide bond to

derivative of bestatin

<400> 23

Lys Lys Lys Lys

5 1

<210> 24

<211> 4

10 <212> PRT

<213> Artificial Sequence

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15 <223> Description of Artificial Sequence:Lipopeptide
containing chlorambucil

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<220>

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25 <223> AMIDATION

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<221> MOD_RES

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30 <223> Lysine with side chain linked via amide bond to
chlorambucil

<400> 24

Lys Lys Lys Lys

35 1

<210> 25

<211> 4

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<223> Description of Artificial Sequence:Lipopeptide
functionalised with sulphisoxazole

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15

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<223> Lysine with side chain linked via amide bond to
sulphisoxazole

25

<400> 25

Lys Lys Lys Lys

1

30

<210> 26

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35

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<223> Description of Artificial Sequence:Atherosclerotic
plaque-binding peptide

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Tyr Arg Ala Leu Val Asp Thr Leu Lys

1 5

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<210> 27

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<220>

<223> Description of Artificial Sequence:Atherosclerotic
plaque-binding peptide

15

<400> 27

Tyr Ala Lys Phe Arg Glu Thr Leu Glu Asp Thr Arg Asp Arg Met Tyr

1 5 10 15

20

<210> 28

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<223> Description of Artificial Sequence:Atherosclerotic
plaque-binding peptide

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Arg Ala Leu Val Asp Thr Glu Phe Lys Val Lys Gln Glu Ala Gly Ala

1 5 10 15

Lys

35

<210> 29

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<223> Description of Artificial Sequence:Thrombus
binding peptide

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1 5 10

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20 <223> Description of Artificial Sequence:Thrombus
binding peptide

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Gly Pro Arg Gly
25 1

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<223> Description of Artificial Sequence:Platelet
35 binding peptide

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